

Application No.: 09/899,537

Docket No.: 21994-00025-US

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An image sensing apparatus, which outputs electric charges being stored in a plurality of photoelectric converting elements disposed horizontally and vertically in a matrix, as an electric signal, said image sensing apparatus comprising:

a plurality of vertical transmitting CCDs (charge coupled devices) for transmitting electric charges read out from said plurality of photoelectric converting elements in a vertical direction;

a horizontal transmitting CCD (charge coupled device) for transmitting the electric charges transmitted from said plurality of vertical transmitting CCDs in a horizontal direction and for outputting the electric charge through an outputting section; and

an intercepting section for intercepting all electric charges being transmitted from a whole area in a matrix of a plurality of photoelectric converting elements in the horizontal direction and a plurality of photoelectric converting elements in the vertical direction, wherein the area is a part of an image sensing area disposed only on a [[far]] side farther from and never on a side nearer to from said outputting section of said horizontal transmitting CCD,

wherein a picture signal obtained from a first area is outputted with being intercepted by said intercepting section in a first picture taking mode, and that wherein another picture signal obtained form from a second area being wider in a horizontal direction than said first area is outputted without being intercepted by said intercepting section in a second picture taking mode.

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2. (Previously Presented) The image sensing apparatus in accordance with claim 1, wherein said first picture taking mode is a motion picture taking mode for taking a motion picture signal; and

said second picture taking mode is a still picture taking mode for taking a still picture signal;

wherein a transmission rate of electric charge of said horizontal transmitting CCD is set to a same rate in said motion picture taking mode and in said still picture taking mode.

3. (Previously Presented) The image sensing apparatus in accordance with claim 1, wherein said first picture taking mode is a motion picture taking mode and said second picture taking mode is a high definition motion picture taking mode for taking a high definition motion picture signal of which a number of pixels per one frame is larger than that of said motion picture signal; and

wherein a transmission rate of electric charge of said horizontal transmitting CCD is set to a same rate in said motion picture taking mode and in said high definition motion picture taking mode.

4. (Previously Presented) The image sensing apparatus in accordance with claim 1, wherein said first picture taking mode is a first still picture taking mode for taking a still picture signal and said second picture taking mode is a high definition still picture taking mode for taking a high definition still picture signal composed of a large number of pixels in comparison with said still picture signal; and

wherein a transmission rate of electric charge of said horizontal transmitting CCD is set to a same rate in said first still picture taking mode and in said second still picture taking mode.

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5. (New) An image sensing apparatus comprising:

a solid state image sensing device; and

a controller for controlling said solid state image sensing device to move a first point disposed in an image sensing area of said solid state image sensing device to a center of an optical axis of a lens in a first picture taking mode and to move a second point different from said first position disposed in said image sensing area to the center of the optical axis of the lens in a second picture taking mode,

said solid state image sensing device further comprising:

a plurality of vertical transmitting CCDs (charge coupled devices) for transmitting electric charges read out from said plurality of photoelectric converting elements in a vertical direction;

a horizontal transmitting CCD (charge coupled device) for transmitting the electric charges transmitted from said plurality of vertical transmitting CCDs in a horizontal direction and for outputting the electric charge through an outputting section; and

an intercepting section for intercepting all electric charges being transmitted from a whole area in a matrix of a plurality of photoelectric converting elements in the horizontal direction and a plurality of photoelectric converting elements in the vertical direction, wherein the area is a part of said image sensing area disposed only on a side farther from and never on a side nearer to said outputting section of said horizontal transmitting CCD,

wherein a picture signal obtained from a first area is outputted with being intercepted by said intercepting section in said first picture taking mode, and wherein another picture signal obtained from a second area being wider in a horizontal direction

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than said first area is outputted without being intercepted by said intercepting section in said second picture taking mode.

6. (New) The image sensing apparatus in accordance with claim 5, wherein said first picture taking mode is a motion picture taking mode for generating a motion picture signal; and

    said second picture taking mode is a still picture taking mode for generating a still picture signal;

    wherein a transmission rate of electric charge of said horizontal transmitting CCD is set to a same rate in said motion picture taking mode and in said still picture taking mode.

7. (New) The image sensing apparatus in accordance with claim 5, wherein said first picture taking mode is a motion picture taking mode and said second picture taking mode is a high definition motion picture taking mode for generating a high definition motion picture signal of which a number of pixels per one frame is larger than that of said motion picture signal; and

    wherein a transmission rate of electric charge of said horizontal transmitting CCD is set to a same rate in said motion picture taking mode and in said high definition motion picture taking mode.

8. (New) The image sensing apparatus in accordance with claim 5, wherein said first picture taking mode is a first still picture taking mode for generating a still picture signal and said second picture taking mode is a high definition still picture taking mode for generating a high definition still picture signal composed of a large number of pixels in comparison with said still picture signal; and

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wherein a transmission rate of electric charge of said horizontal transmitting CCD is set to a same rate in said first still picture taking mode and in said second still picture taking mode.